

State Water Mandates and What It Means for Cities

- ABSTRACT: Ms. Frevert provides an overview of the urban water conservation emergency regulation & water savings by various water suppliers and the state as a whole, along with current changes to that regulation. Ms. Lake gives an overview of current state water supply conditions, and describes programs of DWRs Urban Water Use Efficiency Unit aimed at conserving water and using it more efficiently.
- BIO: Kathy Frevert, State Water Resources Control Board (SWRCB) is a Conservation Specialist at the State Water Resources Control Board (State Water Board) in the Office of Research, Planning and Performance. She works on implementation of the urban water conservations emergency regulation and modifications that have followed in response to severe drought and changing hydrologic conditions. BA in Environmental Studies and Spanish from Cornell College of Iowa, 20 years of environmental program experience at CalRecycle and the US EPA.
- BIO: Vicki Lake supervises the Urban Unit of the Department of Water Resources (DWR) Water Use and Efficiency Branch. She has a BS in Biological Sciences and MS in Ecology from UC Davis. Ms. Lake enjoys spending time outdoors and is looking forward to raising chickens once the coop is built. [916-651-0740](tel:916-651-0740); vicki.lake@water.ca.gov.

Water Resources Management in Contra Costa County.

- ABSTRACT:
- BIO Chris Dundon, Contra Costa Water District (CCWD) is the Water Conservation Supervisor for the Contra Costa Water District. In the field of water conservation for more than 25 years. Bachelors of Science degree in Landscape Architecture from the University of California at Davis and has 16 years experience in landscape and irrigation design. Certified as a Landscape Water Auditor, Water Conservation Specialist, and Recycled Water Site Supervisor. Served on the Board of Directors of the California Urban Water Conservation Council for 12 years and the Board Chair in 2012. 2014 awarded the Llana Sherman Excellence Award for Local Water Conservation.
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Bio: CHARLES BOHLIG; Supervisor of Water Conservation; East Bay Municipal Utility District (EMUD) has been involved in water and energy efficiency for more than 20 years. Before joining the East Bay Municipal Utility District, he worked as an Energy Analyst with Pacific Gas and Electric Company's Food Service Technology Center. Currently, the Supervisor of Water Conservation for commercial, industrial, institutional, and large landscape irrigation programs. Program manager for the Division's water budget database, program incentive development, and the District's water efficiency requirements. He was the lead on the Water Energy Partnership with Pacific Gas and Electric Company in an Embedded Energy research project for the California Public Utilities Commission. Charles co-wrote the District's Water Conservation Master Plan for 2040 in support of the District's long-term goals for water supply and demand and the Governor's water reduction goal of 20% reduction by 2020. (510) 287-049; cbohlig@ebmud.com

Impacts to Cities: Forecasts, Flooding, and Infrastructure:

- ABSTRACT: El Niño is over and La Niña is supposedly coming. What is a city supposed to make of the media hype about climate change? This presentation will cover several topics including a summary of the current seasonal forecasts, flooding issues, and storm water and drainage infrastructure issues cities should be concerned about. The audience should come away with a good handle on drainage issues so they make key decisions regarding to city operations and in setting priorities.
- BIO: Mark Boucher has served as the County Hydrologist since 2003. He has a BS in Civil Engineer and an MS in Engineering from Washington State University. Most of his 28 years of engineering experience (private and public) has involved land development projects. He gravitated toward water resources areas of civil engineer gaining extensive experience in hydrology (estimating how much water flows off of watershed) and hydraulics (analyzing the size of pipe or channel needed to convey those flows). Mark is keenly aware of public agencies' concerns regarding drainage, flooding, and the new stormwater regulations. As the County Hydrologist, Mark manages the rain and stream gauge data collection system, performs major hydrology studies and reviews studies and calculations submitted to the County Public Works Department and Flood Control District. Mark is involved in the Bay Area Integrated Regional Water Management Plan committees, the Contra Costa County Council on Homeless, and ABAG Regional Planning Committee. He just finished a two year term serving as the Chair for the Bay Area Flood Protection Agencies Association. Mark lives in Concord, is married, has three children, and hiked the John Muir Trail in the summer of 2014.
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 - Presentation: <http://ca-contracostacounty2.civicplus.com/DocumentCenter/View/40849>
 - RainMap with Contra Costa gauges on a Google map: www.cccounty.us/RainMap
 - Contra Costa County Flood Control and Water Conservation District: www.cccounty.us/5586/Flood-Control
 - 50-year plan white paper: www.contracosta.ca.gov/documentcenter/view/6853
 - FEMA floodSmart: www.floodsmart.gov/floodsmart

What are the expected impacts on our Cities, and how can we Adapt and Plan?

- ABSTRACT: Currently, the urban water recycling industry is in a rapidly evolving infancy. While the supply of water conservation services previously outpaced demand, the ongoing drought has dramatically increased buy-in. Gaps, however, still exist. On-the-ground service providers such as DIG often find themselves between an under-informed public and code specifications that don't reflect the level of water scarcity that the state is experiencing. Education, financing and legislation are three major areas that need local government support in order to push water conservation implementation into a ubiquity parallel to that of the solar industry.
- BIO: Anya Kamenskaya- Drought Interest Group (DIG) Ms. Kamenskaya, is the CFO at DIG Cooperative, Inc.. She has had the opportunity to chart the general public's perceptions and engagement with water conservation, scarcity and sustainability.; anya@dig.coop; 415-889-0949